

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123124\
 Data File : BP023593.D
 Acq On : 31 Dec 2024 10:50
 Operator : RC/JU
 Sample : SSTD00561
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005642

Quant Time: Dec 31 14:16:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP123124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 31 14:01:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	613929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	2458144	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.427	164	1496276	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	2927927	20.000	ng/ul	-0.02
79) Chrysene-d12	21.692	240	3027568	20.000	ng/ul	-0.02
88) Perylene-d12	25.121	264	3268653	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	30688	1.830	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.340	132	179271	4.887	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.940	128	83258	4.515	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	57244	2.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	152300	3.547	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.828	166	516656	4.468	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	592129	4.730	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.427	176	423805	4.202	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.327	188	662914	4.856	ng/ul	-0.01
81) Pyrene-d10	19.698	212	717374	4.517	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.880	264	692925	3.979	ng/ul	-0.02
Target Compounds						
2) 1,4-Dioxane	3.346	88	31598	1.742	ng/uL	95
12) 2-Chlorophenol	7.369	128	190873	4.938	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.592	70	150325	4.245	ng/ul	98
19) Hexachloroethane	8.881	117	82393	4.545	ng/ul	98
22) Nitrobenzene	8.987	77	205776	3.842	ng/ul	99
23) Isophorone	9.504	82	418736	4.262	ng/ul	99
25) 2-Nitrophenol	9.692	139	70808	3.238	ng/ul	96
26) 2,4-Dimethylphenol	9.751	107	192142	3.941	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.987	93	261155	4.658	ng/ul	98
29) 2,4-Dichlorophenol	10.222	162	164348	3.846	ng/ul	96
30) Naphthalene	10.634	128	637800	4.876	ng/ul	100
33) Hexachlorobutadiene	10.928	225	113408	3.127	ng/ul	95
35) 4-Chloro-3-methylphenol	11.845	107	160319	3.463	ng/ul	99
36) 2-Methylnaphthalene	12.239	142	422953	4.433	ng/ul	100
37) 1-Methylnaphthalene	12.457	142	415652	4.304	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	212999	4.019	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	104894	3.370	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	115486	3.447	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	545332	5.018	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	424955	4.898	ng/ul	99
45) 2-Nitroaniline	13.486	65	84482	3.493	ng/ul	99
47) Dimethylphthalate	13.875	163	521633	4.556	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	71165	3.325	ng/ul	91
50) Acenaphthylene	14.145	152	650829	5.062	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.492	153	450251	4.847	ng/ul	99
56) Dibenzofuran	14.833	168	628850	4.556	ng/ul	99
57) 2,4-Dinitrotoluene	14.775	165	98674	2.915	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.051	232	91786	2.860	ng/ul	95
59) Diethylphthalate	15.263	149	551565	4.836	ng/ul	99
61) Fluorene	15.492	166	516225	4.558	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	251455	3.937	ng/ul	98
67) N-Nitrosodiphenylamine	15.698	169	420263	5.366	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	141718	4.180	ng/ul	97
69) Hexachlorobenzene	16.516	284	185194	4.435	ng/ul	97
72) Phenanthrene	17.269	178	798982	5.135	ng/ul	99
74) Anthracene	17.363	178	790005	5.100	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	205111	4.787	ng/uL	100
76) Pentachlorobenzene	14.751	250	216598	4.636	ng/uL	99
78) Di-n-butylphthalate	18.245	149	860095	5.403	ng/ul	100
80) Fluoranthene	19.357	202	851025	4.630	ng/ul	99
82) Pyrene	19.733	202	962821	4.915	ng/ul	99
83) Butylbenzylphthalate	20.704	149	271850	4.022	ng/ul	99
85) Benzo(a)anthracene	21.674	228	951161	4.657	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.645	149	513374	5.132	ng/ul	98
87) Chrysene	21.739	228	870025	4.473	ng/ul	99
90) Benzo(b)fluoranthene	24.039	252	847774	4.150	ng/ul	99
91) Benzo(k)fluoranthene	24.109	252	876415	4.270	ng/ul	99
93) Benzo(a)pyrene	24.956	252	781083	4.178	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.021	276	982433m	4.119	ng/ul	
95) Dibenzo(a,h)anthracene	29.121	278	790413	4.123	ng/ul	98
96) Benzo(g,h,i)perylene	30.185	276	758173m	4.139	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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